

County Interoperable Communications Meeting

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Public Safety Interoperable
Communications Office

AGENDA



- Welcome
- Agency Introductions
- Public Safety Interoperable Communications (PSIC) Office Introductions
- Meeting Overview
- Agency Updates
- Discuss and Establish County Level Interoperability Priorities
- Upcoming Training, Meetings, Events, and Exercises
- Future Agenda Items
- Next Meeting Details

Agency Introductions



- Please provide:
 - Name
 - Agency
 - Role within your agency



PSIC OFFICE INTRODUCTION

Vision & Mission



- **Vision:** Arizona's public safety personnel, at all levels of government and within non-governmental organizations, have access to quality interoperable communication systems, are adequately trained, and utilize such systems effectively in multi-disciplinary, multi-jurisdictional incident response.
- **Mission:** The Public Safety Interoperable Communications Office will serve as a leader for Arizona in advancing public safety communications interoperability.

Roles Summary



- The Public Safety Interoperable Communications (PSIC) Office is responsible for advancing interoperable communications in Arizona and supporting the Public Safety Communications Advisory Commission (PSCC) and Statewide Interoperability Executive Committee (SIEC) in performance of their missions.
- The key roles of the PSIC Office are:
 - Arizona's Interoperability Representative
 - Planning
 - Consulting
 - Funding & Reporting
 - Logistics & Operations
 - Stakeholder Engagement & Interactions

Arizona's Interoperability Representative



- Serve as Arizona's principal interoperability contact to the Federal government and other states
- Interact with State, federal, local, tribal and non-governmental agencies and organizations
- Participate in key multi-state, regional, border and demonstration initiatives with partners
- Obtain resources for Arizona

Planning



- Engage and garner input and direction from stakeholders
- Utilize Technical Assistance resources when available
- Utilize SAFECOM resources to support local efforts
- Engage Consultants with expert national reputations
- Develop Actionable Plans

Consulting



- Project Oversight, Monitoring & Development
- Research & Analysis
- Resource Clearinghouse and Repository
- Identification of need for Federal Technical Assistance
- Support Communities in identifying, developing and submitting Grants
- Support development, selection and reporting of performance measures

Logistics & Operations



- Support Commission, Committee, Workgroup and task force meetings
- Develop and document tactical plans
- Prepare Requests for Proposals (RFPs), Request for Quotes (RFQs)
- Prepare written documents and communications including project plans, memoranda, web-site content, meeting summaries, white papers, policy statements, presentations, newsletters and reports

Stakeholder Engagement & Interaction



- Engage stakeholders in efforts to advance interoperable communications
- Share information among stakeholders
- Identify Needs and Resources
- Participate in Trainings and Exercises
- Ensure feedback reaches PSCC, SIEC, etc...

Statewide PSPs



- Governance
 - PSCC - Operating Principles Document
 - SIEC - Operating Principles Document
- Training
 - Arizona Communications Unit Training Coordination Procedure
 - Arizona Regional All-Hazards Communications Unit Recognition Procedure
 - NIMS Communications Unit Workgroup (NIMS-CU) Policies and Procedures
- Technical
 - Land Mobile Radio Minimum Equipment Standards
 - Arizona Interoperable Channels Plan and Priority Programming Guide
 - Arizona Interagency Radio System (AIRS) State Plan - SOP
 - AIRS Improvement and Sustainability Plan

Public Safety Library



- This national website hosts a reference document library for the public safety communications community. It's goal is to assure the most accurate and up-to-date information is available at all times to public safety first responders.
- Examples of documents available through the [Public Safety Library](#) include:
 - National Interoperability Field Operations Guide (NIFOG)
 - Auxiliary Communications Field Operations Guide (AUXFOG)
 - Incident Command System (ICS) Communications Unit Response Kit.
- The latest versions of all Arizona PSP's can be found on the [PSIC Office Website](#) and in the [Public Safety Library](#).



Public Safety LIBRARY

Get the App



Title **Type** **Area** **Format**



- + Field Operations Guide (FOG)
- + National Guidance
- + Rules And Regulations
- + Standard Operating Procedures (SOP)
- + Statewide Communications Interoperability Planning (SCIP)
- + Tactical Interoperable Communications Plans (TICP)
- + Other

Mobile Application



- Users receive a push notification whenever a document is updated.

Tactical Interoperable Communications Plan

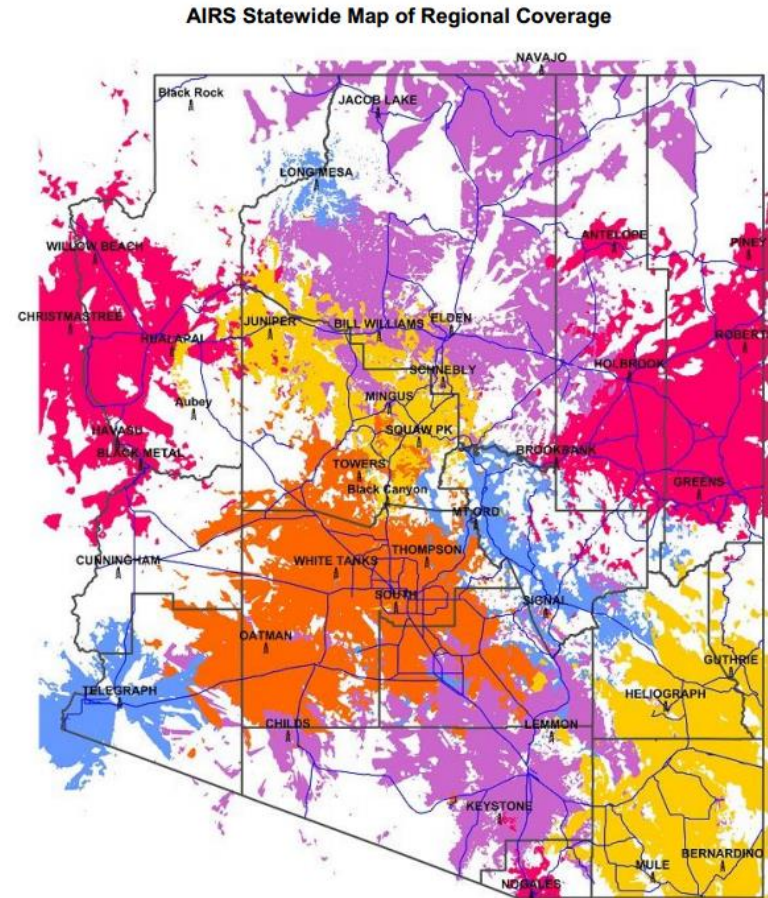


- The Tactical Interoperable Communications Plan (TICP) is a “master communications document” that describes the current communications capabilities of a regional area.
- Policies and procedures covered by the TICP include:
 - Agency Responsibilities and Rights
 - National Incident Management System - Incident Command System (NIMS-ICS) Principles: Channel naming conventions, plain language, National Response Framework, Unit Identification, etc...
 - Prioritization and Shared Use of Regional Interoperability Assets
 - Overarching procedures for all interoperable communications
 - Procedures for requesting, using, or discontinuing the use of shared assets
- TICP serves as a critical resource for communications personnel during an incident to enable interoperability among disparate agencies in a region.

Arizona Interagency Radio System (AIRS)



- [Arizona Interagency Radio System \(AIRS\)](#) is a suite of full-time, cross-banded mutual aid channels designed to provide interoperable communications.
- AIRS provides interoperability across all three major radio bands – VHF / UHF / 800 MHz (but is limited to a single conversation).
- Initial Build-out is complete:
 - 35 Sites provide coverage to all 15 counties
 - 3 Mobile Suites (1 DPS Communications Trailer, 2 DPS Fly-Away) and Semi-permanent fly-away suite located in Havasupai
 - State EOC connected to AIRS via Microwave Link
- Governance of AIRS has been formalized ([AIRS MOU](#), [AIRS SOP](#))
- AIRS Training Program developed including [Video](#), [Presentation](#) & [Lesson Plan](#).
- [AIRS Coverage Drive Test](#) Complete Dec, 2011
- [AIRS Improvement and Sustainability Plan](#) - Documents the process for local expansion of the AIRS system to address coverage gaps.



AIRS1 - 141.3 HZ
AIRS2 - 131.8 HZ
AIRS3 - 110.9 HZ
AIRS4 - 123.0 HZ
AIRS5 - 167.9 HZ

Statewide AIRS Predicted Regional Coverage for a UHF Mobile
VHF & 800 MHz Coverage May Differ

RICO Project – Connecting Systems



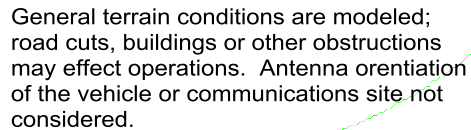
- Partnership between DPS, YRCS, ADOT, PSIC, etc. – to expand standards-based P25 communications capability
- Supported by the DPS upgraded microwave in Southern loop
- Conventional Channel Gateways enable patching of conventional channels with trunked talkgroups
- Utilizes the Yuma Regional Communications System (YRCS) Master Site Controller
- Expands DPS taskforce coverage in region
- Connections with the State Emergency Operations Center (EOC) and Public Safety Answering Points (PSAP) are being established to tie the PSAPs in the region and the State EOC together for interoperability
- Not currently funded for day to day operational use by local jurisdictions or for expansion into other regions.

Southeast Arizona Communications Center Talk Group (SEACCTG)



- Connections with the State Emergency Operations Center (EOC) and Public Safety Answering Points (PSAP) are established to tie the PSAPs in the region and the State EOC together for interoperability.
- Went live on January 1, 2014 with the following participating agencies:

Currently Participating		
AZ State EOC	Douglas Police Dept	Pinal County SO
AZ DPS	Gila River Indian Community	Santa Cruz County SO
Casa Grande PD	Graham County SO	Sierra Vista PD
Cochise County SO	Nogales Police Dept	
Not currently Live		
Pima County SO	Tohono O'odham	
Funded through Yuma BIDP Grant Funds		
FLECC	Marana PD	



FirstNet – Public Safety Broadband



- The First Responder Network (FirstNet) Authority has been tasked with building a nationwide wireless public safety broadband network (NPSBN) to be used by Federal, Tribal, State and Local public safety agencies.
- Once built out, it will be run and maintained by FirstNet as a self-supporting, fee-based network.
- Some already use data, but 4G LTE will allow more and faster data – video, building plans, real-time GIS mapping, etc.
- What will this cost? No one knows for sure, however, Arizona should be prepared to participate in the advancements which are offered.

FirstNet exists to serve public safety.

PERCEPTION

Public safety may have to give up autonomy and control.



Public safety will lose management of devices, users and talk groups.



FirstNet will cost too much to build and operate.



States can use FirstNet spectrum to generate revenue.



FirstNet will replace LMR networks.



FirstNet has already begun designing the network.



REALITY



FirstNet will be a nationwide platform; Public safety sets rules locally.

Public safety will maintain local management.

FirstNet has substantial opportunities to partner to lower construction and operating costs.

Fees from the use of FirstNet spectrum must, by law, be reinvested to build, operate, maintain, and improve the network.

FirstNet will augment LMR for many years.

FirstNet is in the research and analysis phase and must have input from states and territories to design the network.

Public Safety Broadband



How to get involved and stay informed:

- February – July: County Kickoff Meeting
- Please track progress on the PSIC Office website [Broadband page](#)
- Sign up for our interested parties [email list](#)
- Contact [Michael Britt, PhD](#), PSIC Project Manager, 602-300-2633

ITA

Planning and Planning
Plan and Applications
Architecture
Oriented Architecture
Standards, Procedures

Review and Monitoring
Investment Justification
Oversight
Management Certification

Public Safety Interoperable Communications

SCIP	NECP	AIRS	CASM	COML	Narrowband	Broadband
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PSIC News & Updates

- [Communications Unit Training Field Day, Phoenix AZ, February 20, 2013](#)
- COML Course - Phoenix, AZ: January 26-27, February 2, 2013
- FFY 2013 Federal Homeland Security

Strategic
Governance
Technology
Standards
Training
Usage &
Plans

Communications Focused Training



- The PSIC Office collaborates with ADEM and county emergency management offices to host COML and COMT training courses
- We sponsor an annual Communications Unit field day that is open to individuals who complete the initial COML or COMT classroom training and wish to get their taskbooks signed off in order to become recognized as a regional COML or COMT.
- Other Communications Focused Training:
 - 2013: [The Value of the Communications Unit Seminar](#)
 - 2012: [Effectively Incorporating Communications into Public Safety Exercises](#)
 - 2011: [Integrating Communications Units Into the NIMS / ICS Structure](#)

Other Activities



- The PSCC and SIEC each meet five times per year to approve interoperability projects and policies, hear updates from regional systems, provide guidance to and receive technical advice from workgroups and provide feedback to PSIC regarding advancement of SCIP initiatives.
 - All meetings now available via phone and web conference
 - Previous meetings available on YouTube
- PSIC staff regularly attend and present at conferences, workshops, expos, taskforces, and other meetings.
- PSIC also post updates to its website and communicates regularly by e-mail to its extensive (850+) interested parties list.

PSIC Office Website



AZ PSIC

Public Safety Interoperable
Communications Office



Strategic Initiatives

Governance
Technology
Standard Operating Procedures
Training & Exercise
Usage & Outreach

Plans

2012 Statewide Communications
Interoperability Plan (SCIP)

- 2012 Strategic Initiatives
- 2012 SCIP
Implementation Report

Meetings

Calendar of Meetings

- Meeting Notice Locations

Public Safety Interoperable Communications

SCIP

NECP

AIRS

CASM / TICP

COML

Narrowband

Broadband

Plain Language



PSIC News & Updates

- Upcoming Interoperable Communications Meetings
- January 21, 2014: SIEC Meeting
- 2014 Annual Review of Governance PSPs
- The Value Proposition of the Communications Unit
- FFY 2014 Homeland Security Grant Program Information Seminars
- 2014 PSCC & SIEC Meeting Schedule

[More News >>](#)

The Public Safety Interoperable Communications (PSIC) Office is responsible for advancing interoperable communications in Arizona and supporting the Public Safety Communications Advisory Commission (PSCAC) and the Statewide Interoperability Executive Committee (SIEC) in performance of their missions.

Vision - Arizona's public safety personnel, at all levels of government and within non-governmental

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Public Safety Interoperable Communications Office

Major Activities For 2014



- Statewide Communications Interoperability Plan (SCIP)
Revision
- Continue closing gaps and improving capabilities identified during the NECP Goal Two process
- Establish informal governance structures in counties where none exist – continue to support established governance structures
- Support DPS in planning and implementing Initiative 9:
 - Upgrade Operable Voice and Data Communication Systems for State Agencies in Support of Interoperable Communications
- Training: At least 1 COMT class, 3 COML classes, and the Communications Unit Field Day



MEETING OVERVIEW

Agency Updates



- Attendee discussion about interoperability at the local, county, and State level:
 - Successes
 - » All counties now have Tactical Interoperable Communications Plans (TICPs) and a statewide Tactical Interoperable Communications Field Operations Guide (TIC-FOG) is in development
 - » Developed Toad SOP; now available in print, electronic, and video format
 - Challenges
 - » Educating stakeholders
 - » Identifying the correct stakeholders



NECP Goal 2 Gap Closure Recommendations and Interoperability
Priorities

DISCUSS & ESTABLISH COUNTY INTEROPERABILITY PRIORITIES

Upcoming Training, Meetings, Events, & Exercises



- PSIC Office training, meetings, events, and exercises
 - Grant applications due
 - » March 3, 2014
 - Field Day
 - » February 18 – 19
 - COML/COMT training
 - » March/April timeframe
 - TIC-FOG
 - » Looking for volunteers from each county to participate
 - COMMEX
 - » TBD – After wildfire season
- Attendee sharing of training, meetings, events, and exercises
- Incorporating communications into exercise & training
- Locate central repository for future reference



Group discussion of topics for the next meeting

FUTURE AGENDA ITEMS

Thank You!



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